

IN THE SPECIFICATION

At page 2, line 2, please insert the paragraphs below:

REFERENCE TO RELATED APPLICATION

[0000] This continuation application is related to and claims the benefit of U.S. patent application 09/964,957 entitled "Method and Apparatus for Varying-Radix Numeration System," filed September 27, 2001.

At page 24, line 1, please replace the Abstract with the amended Abstract below:

A method and apparatus for a varying-radix numeration system is described. A method ~~comprises~~ includes receiving a first sequence of values, determining a number of positions for a second sequence of values, and generating the second sequence of values, each value of the second sequence corresponding to a radix, the radix for each value of the second sequence varying over the second sequence in relation to an application value, the application value corresponding to a position in the second sequence and a sum of a set of values in the second sequence.